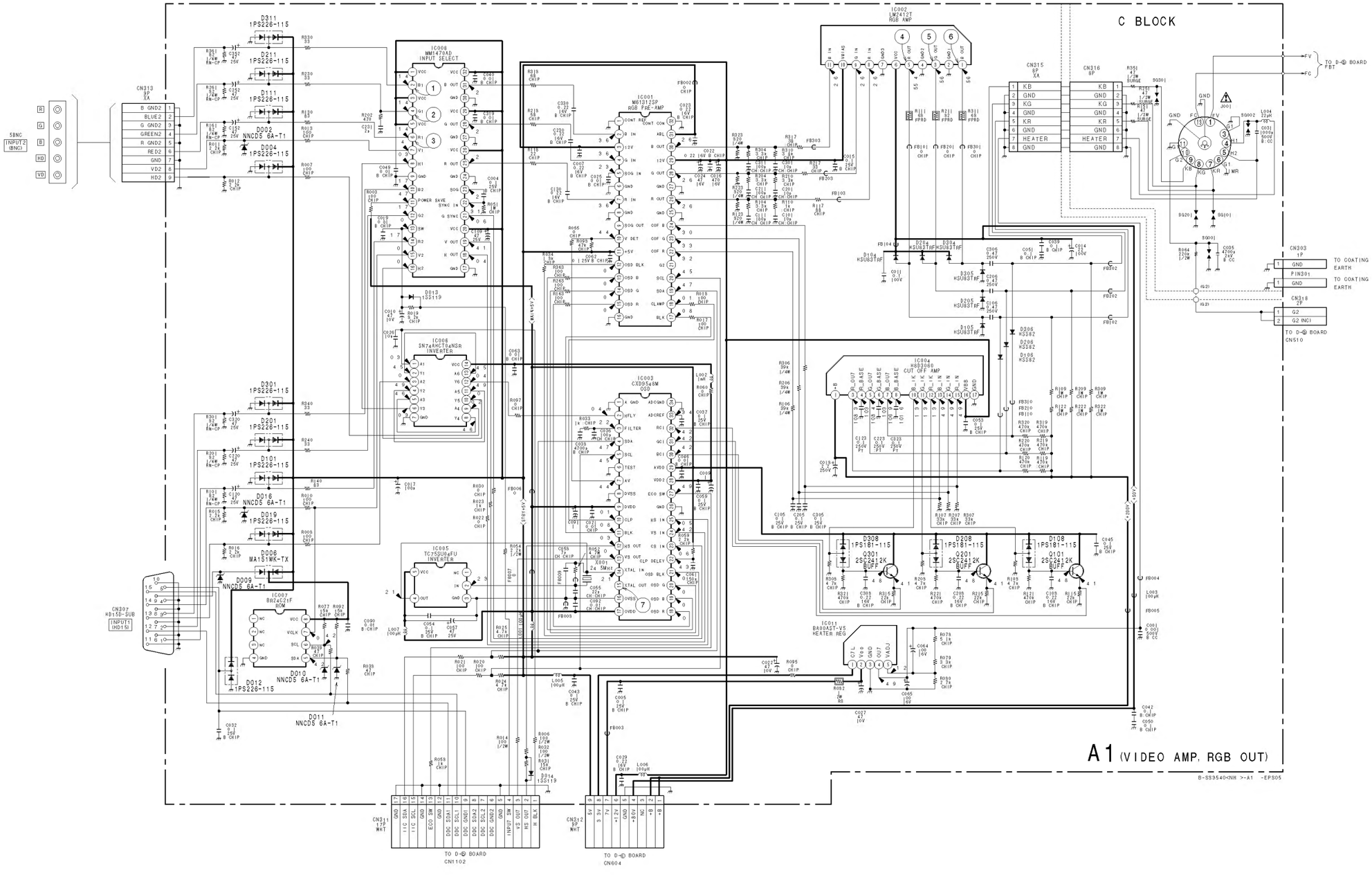
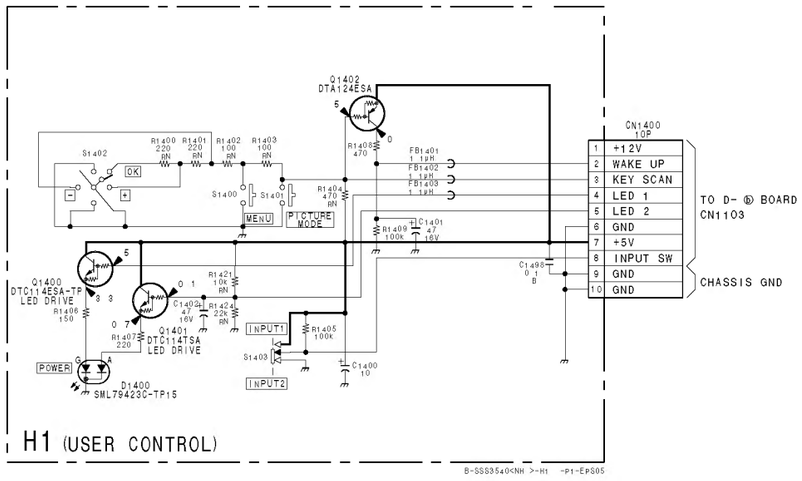
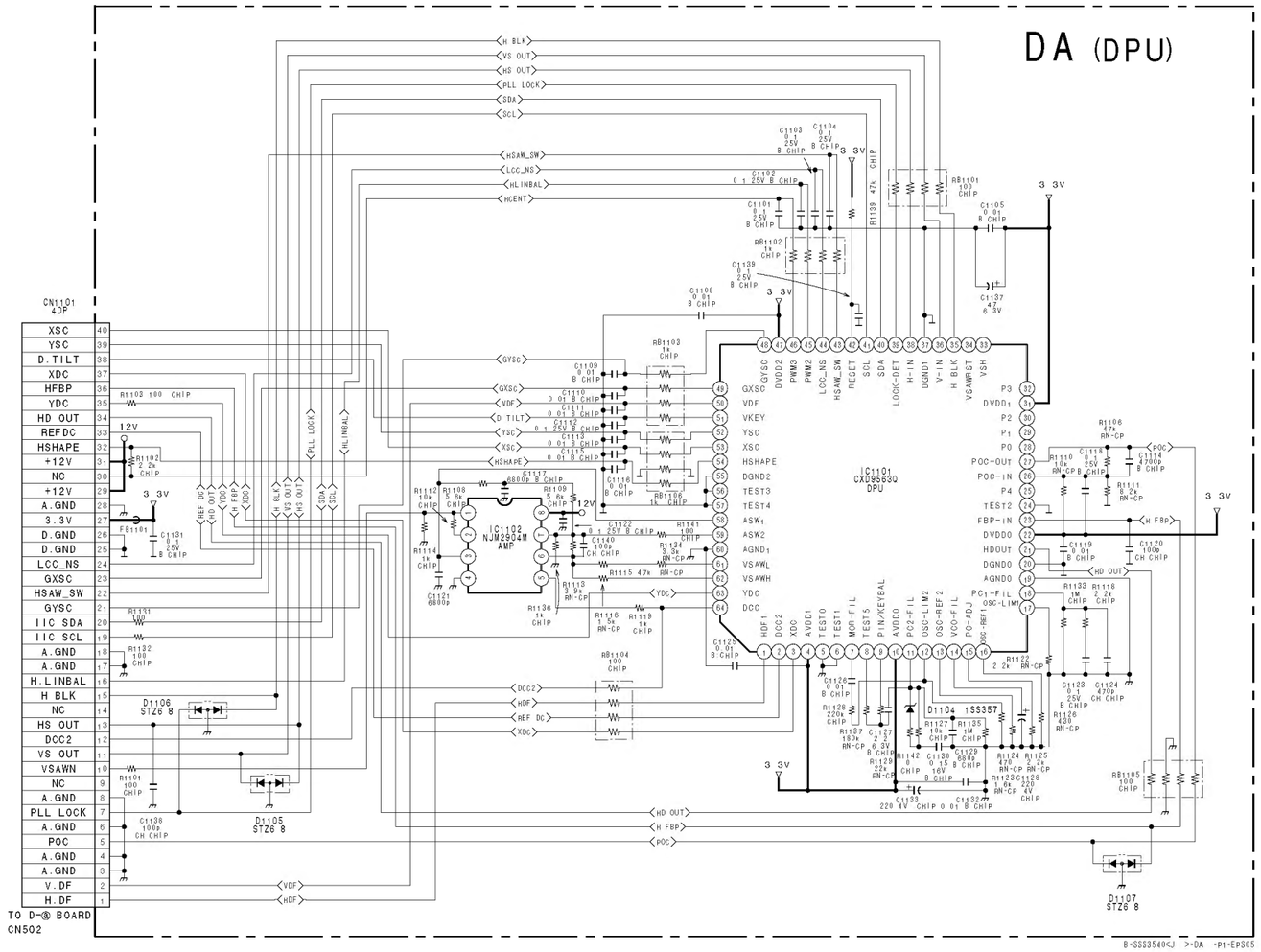
(1) Schematic Diagram of A1 Board



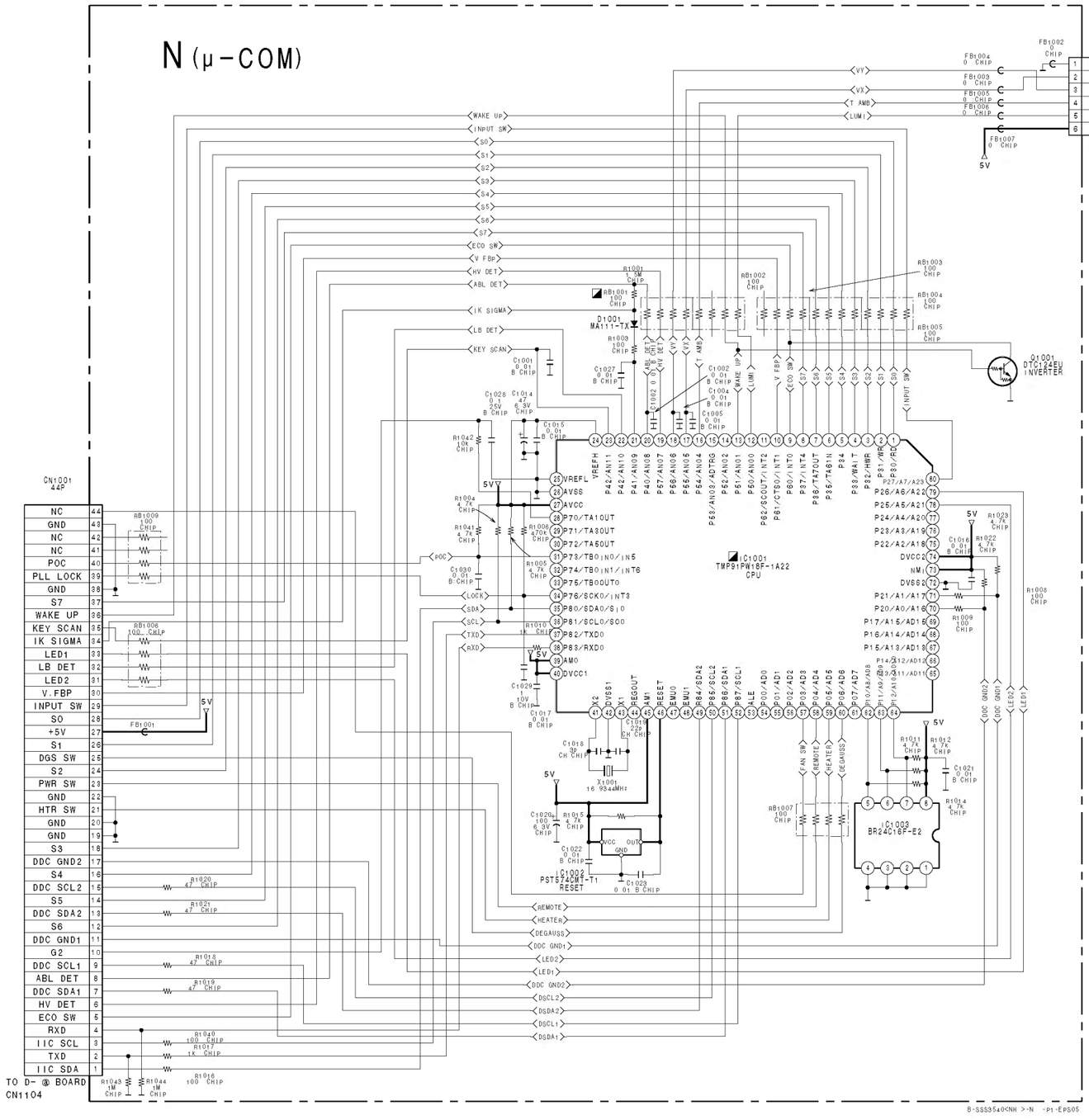
(6) Schematic Diagram of H1 Board

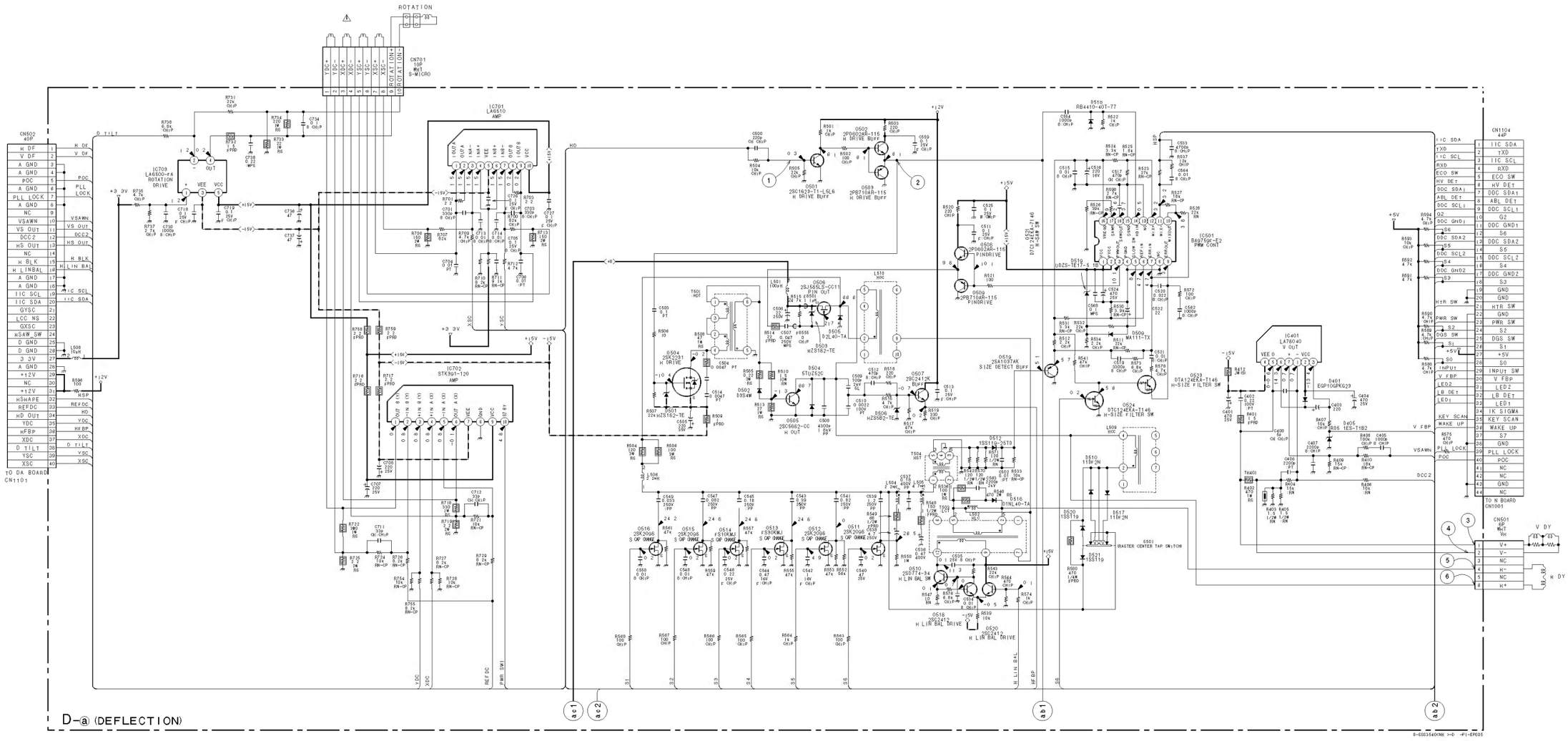


(3) Schematic Diagram of DA Board

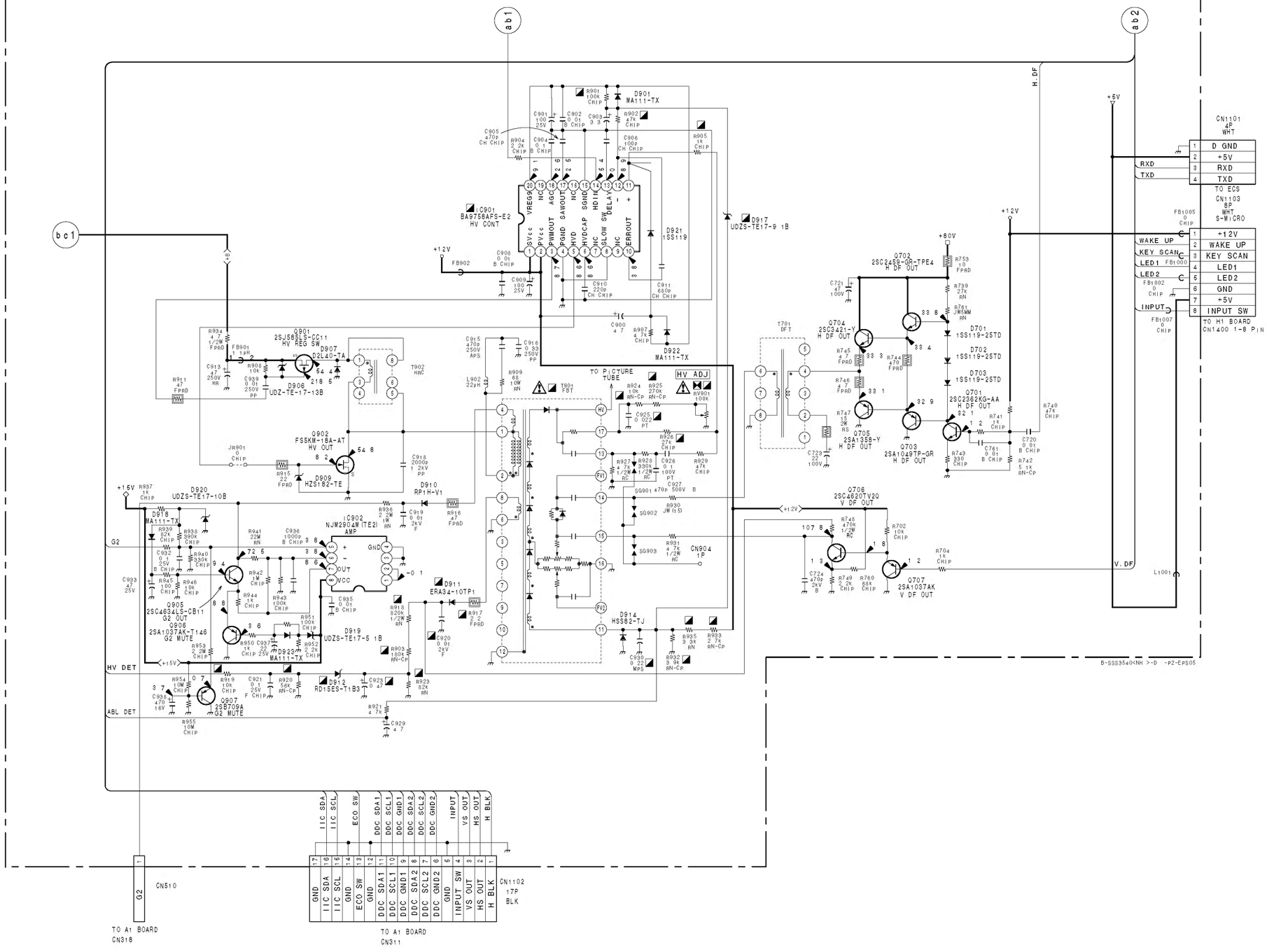


(4) Schematic Diagram of N Board

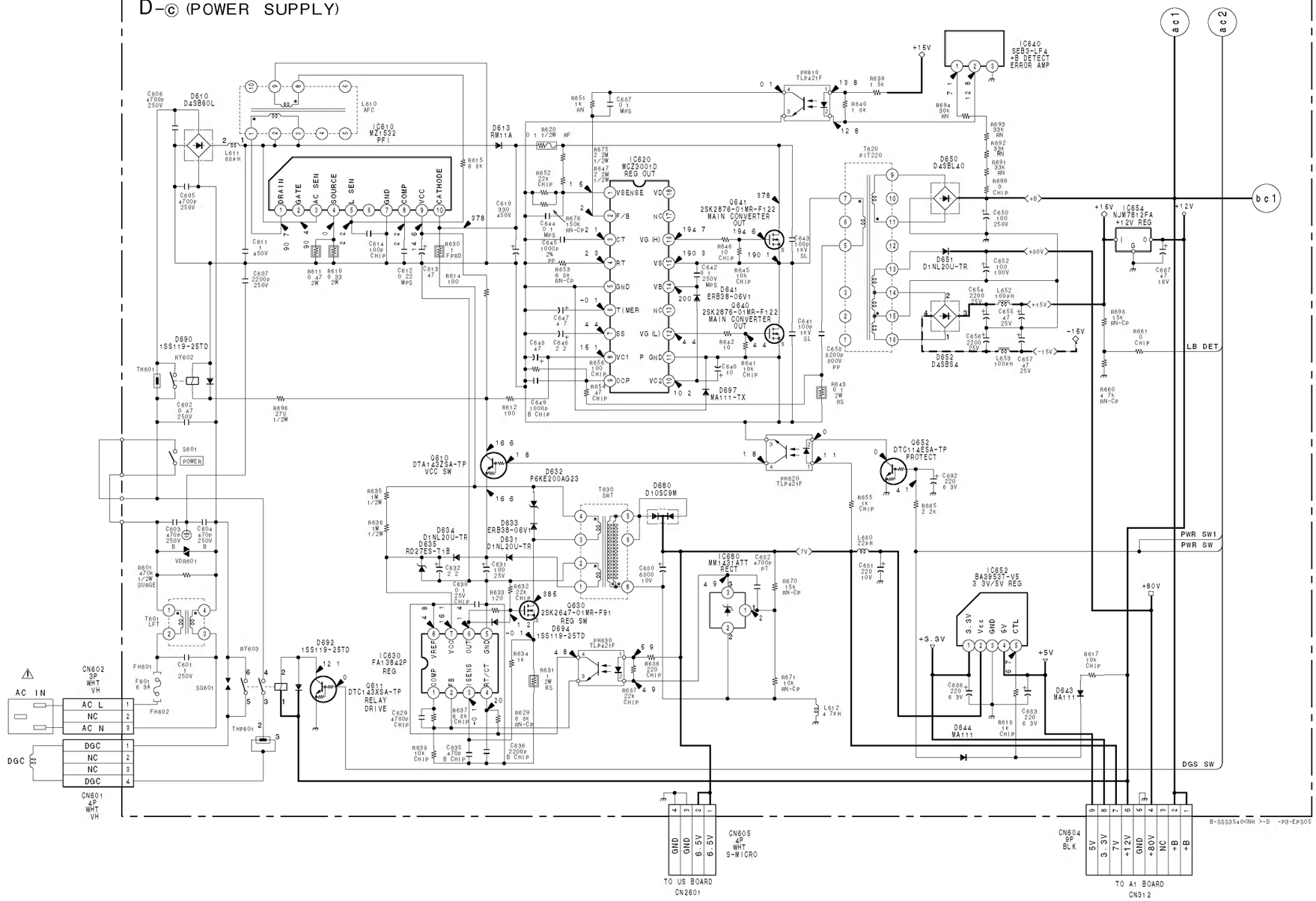
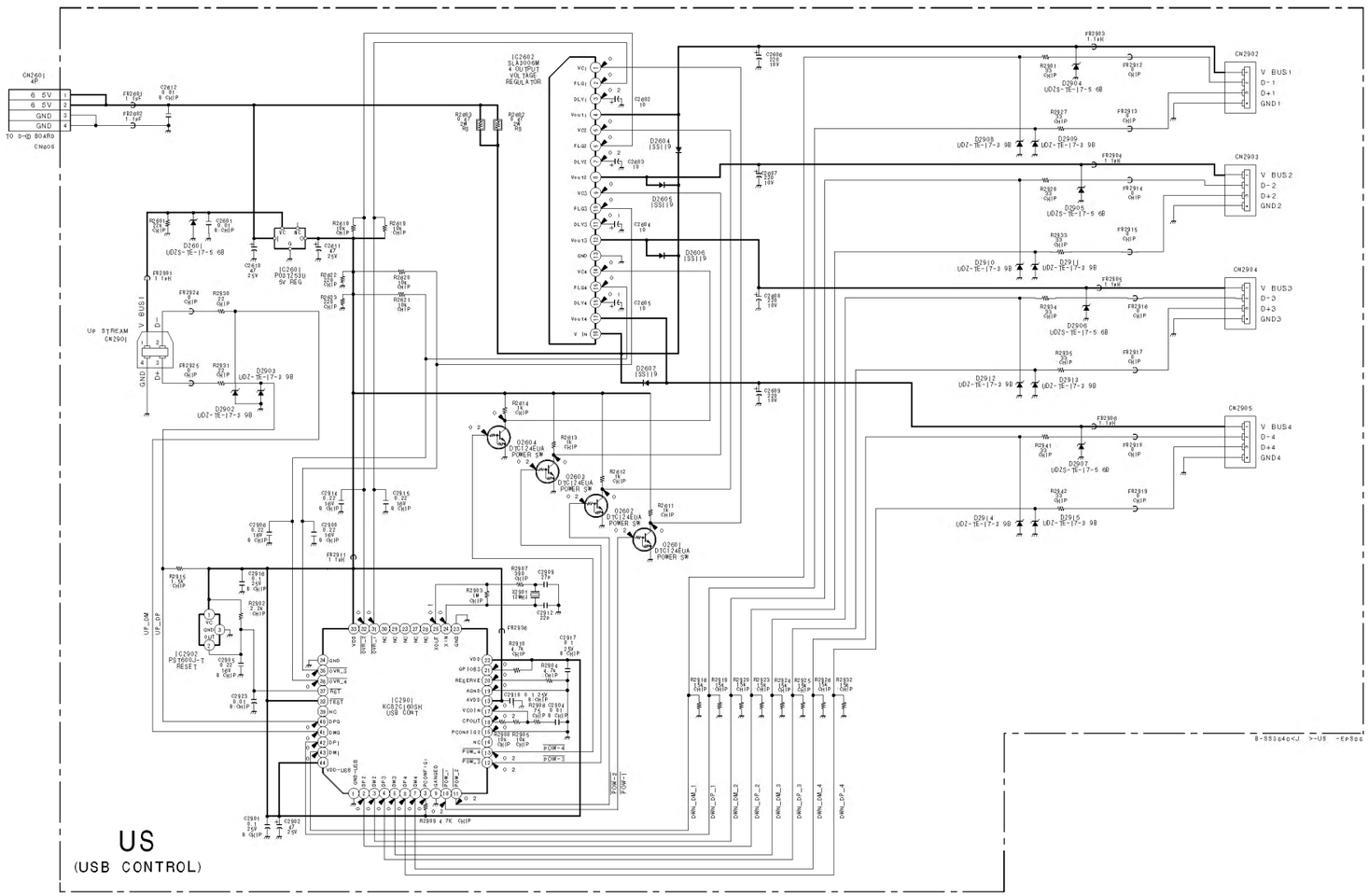



ROTATION
CN701 10P MUT S-MICRO
YDC+
YDC-
XDC+
XDC-
YSC+
YSC-
XSC+
XSC-
ROTATION+
ROTATION-
IC701 LA6510 AMP
IC703 LA6500-FA ROTATION DRIVE
IC702 STK5931-120 AMP
CN502 40P
TO DA BOARD CN1101
H DF
V DF
A GND
POC
PLL LOCK
NC
VSAWN
VS OUT
DCC2
HS OUT
H BLK
H LINBAL
IIC SCL
IIC SDA
GYSC
LCC NS
GXSC
HSAW SW
D GND
3 3V
+12V
HSHAPE
REFDC
HD OUT
YDC
HFBP
XDC
D TILT
YSC
XSC
HSP
HD
VDC
HFBP
XDC
VSC
D TILT
+9 3V
+15V
-15V
+12V
+3 3V
Q501 2SC1623-T1-L5L6 H DRIVE BUFF
Q502 2PB0604R-115 H DRIVE BUFF
Q503 2PB710AR-115 H DRIVE Buff
Q504 2SK231 H DRIVE
Q505 2SC5662-CC H OUT
Q506 2SJ585S-CC11 PIN OUT
Q507 2SC2412K BUFF
Q508 2PB710AR-115 PINDRIVE
Q509 MA111-TX
Q510 2SD774-34 H LIN BAL SW
Q511 2SK2098 S OP OWNE
Q512 2SK2098 S OP OWNE
Q513 FS30KMJ S OP OWNE
Q514 FS10KMJ S OP OWNE
Q515 2SK2098 S OP OWNE
Q516 2SK2098 S OP OWNE
Q517 2SC2412K H LIN BAL DRIVE
Q518 2SC2412 H LIN BAL DRIVE
Q519 2SA1037AK SIZE DETECT BUFF
Q520 DTC124EKA-T146 H-SIZE FILTER SW
Q521 DTA124EKA-T146 H-SIZE FILTER SW
Q522 DTC124EKA-T146 H-SIZE FILTER SW
Q523 DTA124EKA-T146 H-SIZE FILTER SW
Q524 DTC124EKA-T146 H-SIZE FILTER SW
Q525 DTA124EKA-T146 H-SIZE FILTER SW
Q526 DTC124EKA-T146 H-SIZE FILTER SW
Q527 DTA124EKA-T146 H-SIZE FILTER SW
Q528 DTA124EKA-T146 H-SIZE FILTER SW
Q529 DTA124EKA-T146 H-SIZE FILTER SW
Q530 DTA124EKA-T146 H-SIZE FILTER SW
Q531 DTA124EKA-T146 H-SIZE FILTER SW
Q532 DTA124EKA-T146 H-SIZE FILTER SW
Q533 DTA124EKA-T146 H-SIZE FILTER SW
Q534 DTA124EKA-T146 H-SIZE FILTER SW

D-ⓑ (HV, HDF, VDF)


a b 1
a b 2
b c 1
H DF
V DF
+5V
+12V
+15V
+80V
G2
HV DET
ABL DET
HV ADJ
TO PICTURE TUBE
TO H1 BOARD CN1400 1-8 PIN
TO A1 BOARD CN318
TO A1 BOARD CN311
B-SSS354<NH >-D -P2-EPS05
CN1101 4P WHT
D GND
+5V
RXD
TXD
TO ECS
CN1103 8P WHT S-MICRO
+12V
WAKE UP
KEY SCAN
LED1
LED2
GND
+5V
INPUT SW
CN510
G2
CN1102 17P BLK
GND
IIC SDA
IIC SCL
GND
ECO SW
GND
DDC SDA1
DDC SCL1
DDC GND1
DDC SDA2
DDC SCL2
DDC GND2
GND
INPUT SW
VS OUT
HS OUT
H BLK
I901 BA9758AFS-E2 HV CONT
Q901 2SJ561S-CC11 HV REG SW
Q902 FS5KM-18A-AT HV OUT
Q903 2SC4834LS-CB11 G2 OUT
Q906 2SA1037AK-T146 G2 MUTE
Q907 2SB709A G2 MUTE
Q702 2SC2459-GR-TPE4 H DF OUT
Q704 2SC3421-Y H DF OUT
Q705 2SA1358-Y H DF OUT
Q703 2SA1049TP-GR H DF OUT
Q701 2SC2362KG-AA H DF OUT
Q708 2SC4620TV20 V DF OUT
Q707 2SA1037AK V DF OUT
T701 DFT
T902 HRC
T901 FBT
L1001
D901 MA111-TX
D902 MA111-TX
D907 D2L40-TA
D906 UDZ-TE-17-13B
D909 HZS162-TE
D910 RP1H-V1
D911 ERA34-10TP1
D912 RD15ES-T1B3
D914 HSS82-TJ
D917 UDZS-TE17-9 1B
D918 MA111-TX
D919 UDZS-TE17-5 1B
D920 UDZS-TE17-10B
D921 1SS119
D922 MA111-TX
D923 MA111-TX
D701 1SS119-25TD
D702 1SS119-25TD
D703 1SS119-25TD
SG901 470P
SG902 JW (t5)
SG903
CN904 1P

D-ⓒ (POWER SUPPLY)



(2) Schematic Diagram of US Board